

BIODATA

Name: DR. NIVA RANI DEVI
Designation: Assistant Professor
Specialisation: Structural Geology
Areas of interest: Structural Geology, Petrology, Geochemistry and Paleomagnetic study

Award and Achievements:

1. Recipient of Academic Gold Medal for securing 1st class 1st position in Geology in M.Sc Examination, 1997 (held in 1998) from Gauhati University.
2. Recipient of National and Merit Scholarships.
3. Recipient of Krishnadutta Bujarbarua Memorial Award for obtaining highest mark in Sanskrit in undivided Kamrup district in HSLC Examination, 1989.

Teaching Experience:

1. As Part time Lecturer in the Deptt. of Geology, Arya Vidyapeeth College, Guwahati from Aug 2001 to Dec 2001.
2. As Guest Lecturer in the Deptt of Geology, Pragjyotish College, Guwahati from Aug. 2004 to Feb. 2005 and from Aug. 2005 to Dec. 2005.
3. Presently working as Asst. Professor in Geology, Arya Vidyapeeth College, Guwahati, Assam from 12-01-12 till date.

Research Projects:

1. A major research project under DST Fast Track Scheme for young Scientists is **recommended** for funding by Department of Science and Technology, Govt. of India
Project Title: Geochemistry and Palaeomagnetic study of Cretaceous Mafic dykes of Precambrian Gneissic Basement around Swankre- Rongmil area of Garo Hill Region, Meghalaya, NE India” ,.
2. **Worked** in a DST sponsored research Project as **project personal** in the Deptt. of Geol. Sciences, G.U, Guwahati, Assam from 04-05-06 to 22-04-07.
Project title: Geological Framework of the Dibang Valley of Arunachal Pradesh; an integrated approach to establish the tectonism of the NE Arunachal Himalaya.
3. **Worked** in a DST sponsored research Project as **project personal** in the Deptt. of Geol. Sciences, G.U, Guwahati, Assam from 23-04-07 to 12-12-2010.
Project title: Shillong Basin and Thrust and Ophiolite belts of indo Myanmar Mobile Belt, North Eastern India: An Integrated Approach from Magnetostratigraphy and Paleomagnetism”.

Ongoing corporate responsibilities:

Member of Science Club, Arya Vidyapeeth College

Research Papers:

1. Presented research paper in National seminar on Magmatism, Tectonism and Mineralisation MTM-2007 organized by Deptt. Of Geology, Kumaun University, Nainital, Uttarakhand, India

SN	Name of the Research paper	Authors name	Year of publication, vol. & No	Name of Journal	National Int'natl Regional
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2. Presented research paper in 51st Annual Session of Assam Science Society in 2006
3. Presented research paper in 52nd Annual Session of Assam Science Society in 2007

1	Strain analysis and stratigraphic status of Nongkhya, Sumer and Mawmaram conglomerates of Shillong basin, Meghalaya, India	N. R. Devi and K. P. Sarma	119, no.2, April 2010, pp. 161-174	Journal of Earth System Science	National
2	Is Mishmi Block a Tectonic Roof? Some observations	K. P. Sarma, S. Nandy, N. R. Devi , and P. Konwar	2009, pp. 167-178	Magmatism, Tectonism and Mineralisation Editor: Santosh Kumar Macmillan publishers India Ltd., New Delhi, India	National
3	Microstructural Architecture of Lower Metapelitic Formation of Mesoproterozoic Shillong Basin, Meghalaya, India	N. R. Devi , P. Kakati, P. Borah, P. Konwar and K.P. Sarma	2009, v.2, pp.324-341	Earth System Science Edited by A. Kumar, R.S. Khushwaha and Baleshwar Thakur	National
4	Strain analysis of Sumer And Nongkhya Conglomerates of Proterozoic Shillong Basin of Meghalaya, India	K.P Sarma and N.R. Devi	2008, Proc. Vol. National Seminar on Geology & Energy Resources of NE India: Progress and Perspectives	Nagaland University Research Journal (ISSN 0973-0346) Special publ-2008	National
5	Dibang and Lohit district geotranssects of Arunachal Himalaya, India	K.P Sarma, S. Nandy, N. R. Devi , and P. Konwar.	Proc. Vol of 52nd annual tech. session, v.8 2007 pp.31-40	Assam Science Society	Regional
6	Tectonostratigraphic Status of Basin of Conglomerates of Shillong Meghalaya	N. R. Devi and K. P. Sarma	v.68, Dec' 2006, pp.1100-1108	Journal of The Geological Society of India	National
7	Structure and tectonics of Shillong Plateau, NE India	K.P. Sarma, and N.R. Devi	v.11, 2006, pp.1-16	Journal of Geoscience	Regional
8	Geology in and around Parasukund (Brahmakunda) of Lohit district, Arunachal Pradesh, India	K.P Sarma, S. Nandy, P. Konwar and N. R. Devi	v.11, 2006, pp.68-71	Journal of Geoscience	Regional
9	A Simple algebraic Method to estimate the strain ratio of Mawmaram Conglomerate of Shillong	N.R. Devi , N. Devi and K.P Sarma	Proc. Vol of 51st annual tech. session, v.7,	Assam Science Society	Regional

	Basin of Meghalaya, NE India		2006 pp.197-207		
10	Estimation of strain magnitude of the pebbles of Sumer and Mawmaram conglomerates of the Proterozoic Shillong Basin, Meghalaya, India	N. R. Devi and K.P. Sarma	v.9&10, pp.14-25, 2005	Journal of Geoscience	Regional
11	Microstructural Behaviour of Deformed Metapelite of Shillong Basin, Meghalaya	K.P.Sarma, N.R.Devi , Agnes L.Passah, I.L.Narry, Vicky Diengdoh and W. Saralin	v.7&8, pp14-25, 2003	Journal of Geoscience	Regional
12	Deformational history of the Precambrian rocks around Garchuk of greater Guwahati, Kamrup district, Assam	N. R. Devi , Swapnali Dutta and K.P. Sarma	v.35(1), pp.63-71, June,2001	Bulletin of Indian Geological Association	National
13	Strain analysis and fold shapes of Precambrian metamorphites of Hajo area, Kamrup District, Assam	K.P. Sarma, Swapnali Dutta and N. R. Devi	v.5&6, pp.29-37, 2001	Journal of Geoscience	Regional

Seminar/workshop/training attended

1. Participated in a training course on "Geological Mapping of Himalayan collision Zone" conducted by G.S.I.T.I in collaboration with I.I.T, Roorkee and DST, Govt. of India for 21 days from September 16 to October 7, 2002
2. Participated in a training course on GIS organized by Deptt. of Geology, Cotton College, Guwahati, Assam, from May 26 to June, 2004
3. Participated in A short term training course on "Application of nonlinear dynamics in Geosciences" from 18th to 22nd June' 2010 at NEHU, Shillong, Meghalaya
4. Attended a UGC sponsored National seminar on Statistics and its Application, A.V. College, Gh y
5. Attended a Symposium on Examination Reforms in A.V.College in collaboration of UGC-NER Office, Ghy. On 18th Feb'2012
6. Attended a UGC sponsored Symposium on Effective teaching, A.V.College